



HINDUSTAN POLYURETHANE

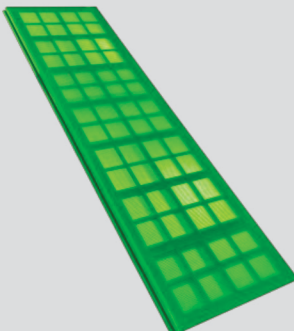
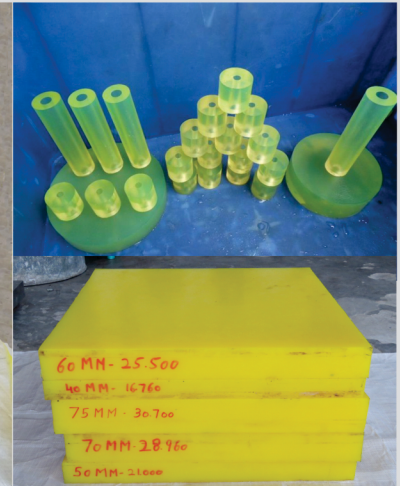
HINDUSTAN POLYMER

MANUFACTURERS OF

CAST POLYURETHANE

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CAST NYLON



CAST NYLON PRODUCTS

PRODUCT SIZE (MM)

❖ CAST NYLON SHEET

300x300, 600x600, 600x1200, 1000x1000 in 12 to 100 mm.

❖ Cast Nylon ROD

100 O.D. to 300 O.D. in Length 300, 600 mm.

❖ Cast Nylon TUBE

50 O.D. to 300 O.D. in Length upto 1000 mm with various I.D.

❖ RING

Maximum 1 meter O.D. with various I.D.

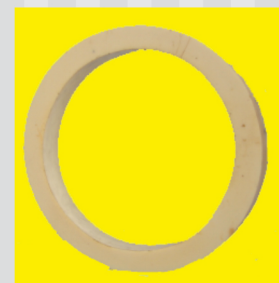


ADVANTAGE OF CAST NYLON

- Excellent Abrasion Resistance
- High Impact Strength
- Low Coefficient of Friction
- Water Repellant
- Corrosion Resistance to most of Acid and chemical
- Lighter than Metal (weight is 1/7th of steel)
- Resistance to Stress-Cracking/U V Rays
- Excellent Dielectric Strength
- Easily Machinable
- Does not require bearing seals
- Has smooth and hard surface
- Energy saving



ROLLING MILL PAD



INDUSTRIES BENEFITED

Railways	Pedstal Liner, Pinion, Wear Pads	Tyre Ind.	Guides, Bush, Gear, Bead Separator
Paper Mill	Dryer Gear, Liner Bush, Pulley, Roller	Steel Plant	Slipper Pad, Bearing, Gear, Insert
Sugar Mill	Mill Bush, Liner, Pulley, Wear Pads	Chemical Ind.	Wear Pads, Scrapper
Cement Plant	Ropeway Pulley & Uncoupling Wheel, Bush	Automobile	Wear Pads, Rings, Bush, Washer
Textile Ind.	Bevel Gears, Bearings, Bush	Bottling Plant	Star Wheel, Guide, Sprockets

MC 6

MoS₂

OILON-GR

HS BLUE

Z BLACK

CAST POLYURETHANE PRODUCTS

❖ PU ROD

20 mm to 300 mm X 300 mm length

❖ PU BUSH

20 mm to 300 mm with various I.D.

❖ PU SHEET

300x300, 500x500, 600x600, 600x1200, 1000x1000 (3 to 100 mm)
1000x4000 (1 to 8 mm)

❖ PU HAMMER

❖ STAR COUPLING

❖ HYDRAULIC DAMPER

❖ CUSTOM MOLDING



ENGINEERING ADVANTAGES OF POLYURETHANE

❖ Hardness range 50 A to 80 D

❖ High Abrasion Resistance

❖ High Load Bearing Capacity

❖ High Resistance to Impact

❖ Low Noise Levels

❖ Excellent Tensile Strength

❖ Good Machining Properties

❖ Resistance to Oil & Grease



POLYURETHANE TUBES FOR HYDRAULIC SEALS



Material for Wiper Seal, Rod Seal, Piston Seal, Rotary Seal

H-PU 95 Shore A is a universally applicable sealing material which can be characterized by its wide service temperature range.

This hydrolysis resistant PU can be used where other PU's get broken already much earlier. The machinability by turning, milling and grinding is excellent.

H-PU has very good values for tensile strength, elongation at break and tear strength. It also has a very low compression set.

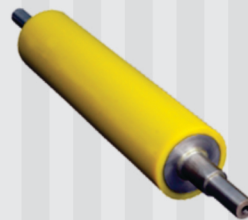
Its excellent wear resistance, high elasticity, high dynamic resistance as well as low permeability are other advantages.



VIBRATORY BOWL COATING



ROLLER COATING



WHEEL COATING



HINDUSTAN POLYURETHANE HINDUSTAN POLYMER

801/E/1, Phase IV, Opp. Umiya Weigh Bridge, G.I.D.C., Naroda,
Ahmedabad - 382 330. Gujarat (INDIA)

Phone :- 91-79-4002 6016, 91-79-22814126

Mob. : 98245 52245, 94285 21024

E-mail : castpu2016@gmail.com

Website : www.hindustanpu.com